

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/FI2004/000495

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B65H18/02 B65H75/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 94 18 081 U (BELOIT TECHNOLOGIES INC) 14 March 1996 (1996-03-14) page 2, line 18 - page 3, line 20; figures -----	1,4
A	US 3 990 648 A (HESS LOYAL H ET AL) 9 November 1976 (1976-11-09) column 3, line 29 - column 4, line 22; figures -----	1,4
A	PATENT ABSTRACTS OF JAPAN vol. 0135, no. 38 (M-900), 30 November 1989 (1989-11-30) & JP 1 220663 A (MEISAN SHOJI KK; others: 01), 4 September 1989 (1989-09-04) abstract; figures 2,3 ----- -/--	1,4



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

18 November 2004

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25/11/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 5 441 780 A (DISSEN ROBERT ET AL) 15 August 1995 (1995-08-15) the whole document -----	7,12
A	DE 93 20 546 U (BAT CIGARETTENFAB GMBH) 22 September 1994 (1994-09-22) claims; figures -----	7,12
P,A	WO 03/082718 A (METSO PAPER INC ; VUORISTO TOMMI (FI)) 9 October 2003 (2003-10-09) cited in the application -----	

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Information on patent family members

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